

Q3 3 amended) The scanner recited in claim ²/~~4~~ wherein said vibration is a pseudo random pattern of vibration.

Q4 5 amended) A scanner which includes a linear array of detector elements each of which generates output signals, at least some of said detector elements each having a width equal to a first value,
means for moving said array over said document in a pre-determined pattern of motion in a first direction,
means for moving said array of detectors in a direction perpendicular to said first direction,
means for combining the output signals from at least some of said detectors to generate a square array of pixel values which represent an image, each pixel having a size equal to said first value,
whereby certain the patterns become visible in said image .

Q4 6 amended) A scanner which includes a linear array of detector elements to produce scan data corresponding to an image comprising:
a device for moving said array over said document in a direction "y",
a transducer for moving said array of detectors in a direction "x", direction x being non-aligned with direction "y", and
a drive circuit for applying a control signal to said transducer to effect random movement in said direction 'x,'
whereby Moiré patterns in the said image are reduced.

Q5 8 10 amended) The method of scanning a document which consists of a series of rows of areas with a linear array of detectors,
the distance between the center points of said detectors equaling a first value, said rows being arranged in a direction "y", said method comprising:

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